in line 20, cancel "patent" substitute --Patent No.-- therefor; in line 25, cancel "US" substitute --United States Patent No.-- therefor.

On page 2, in line 4, cancel "US" substitute -- United States Patent No.-- therefor;

in line 6, cancel "plurality" substitute --number-- therefor; in line 9, insert a centered heading:

--SUMMARY OF THE INVENTION--;

cancel lines 15-16, substitute the following at line 15:

-- This object is inventively achieved in accordance with the present invention in a high voltage resistant edge structure in an edge region of a semiconductor component, said edge structure comprising:

a semiconductor body having at least one inner zone of a first conductivity type adjacent to a first surface of said semiconductor body;

- at least one floating guard ring of a second conductivity type arranged in said inner zone; and
- inter-ring zones of said first conductivity type respectively arranged in said inner zone, said inter-ring zones being allocated in pairs to each of said floating guard rings, said inter-ring zones being arranged laterally such that they separate two respective consecutive floating guard rings from one another,

wherein at least one of said floating guard rings and said inter-ring zones have at least one of conductivities and geometries set such that their free charge carriers are totally depleted when a blocking voltage is applied.--.

On page 3, in line 10, cancel "Beyond this" substitute -- In an embodiment-

- therefor; in line 11, cancel "particular" substitute --an embodiment-- therefor; in line 21, cancel "The" substitute --In an embodiment-- therefor; in line 23, cancel ", respectively,";

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in line 26, cancel "What" substitute --In an embodiment, what-- therefor; in line 29, cancel ", or respectively," substitute --or-- therefor.

On page 4, in line 2, cancel "As" substitute --In an embodiment, as-therefor;

in line 4, cancel "Depending" substitute --In an embodiment, depending-therefor, and cancel "it would also be imaginable";

in line 5, cancel "to realize", and after "stopper" insert --is realized--; in line 7, cancel ", respectively";

in line 9, cancel "The" substitute --In an embodiment, the-- therefor; in line 11, cancel "It" substitute --In an embodiment, is-- therefor.

On page 5, cancel lines 5-25, substitute the following at line 5:

-- In an embodiment, at least an outermost of the magnetoresistors is nearly completely enclosed by a cathode metallization in a direction of the first surface of the semiconductor component.

In an embodiment, the cathode metallization is a metallization of a source electrode of the semiconductor component.

In an embodiment, the inter-ring zones in the edge region have a crosssection tapered to the first surface.

In an embodiment, the semiconductor component is one of a vertical power transistor or an IGBT.

These and other features of the invention(s) will become clearer with reference to the following detailed description of the presently preferred embodiments and accompanied drawings.

DESCRIPTION OF THE DRAWINGS

Figure 1 is a cross-section of a high voltage resistant semiconductor component, which is constructed as a D-MOSFET (or IGBT) here and which comprises an edge structure constructed in accordance with the present invention.

Figure 2 is a cross-section of a further embodiment of an inventive edge structure constructed in accordance with the present invention.

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Figure 3 shows several cross-sections representing various trench types.

Figure 4 shows several exemplifying embodiments representing the creation of a homogeneous doping distribution in the edge region of a semiconductor component, which can be purposefully adjusted.

Figure 5 shows several cross-sections representing various edge variations for adjusting a purposeful, "softly" leaking doping concentration in the edge region of a semiconductor component.

<u>DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED</u>

EMBODIMENTS--.

10	On page 6, indine 1' cancel "subsection" substitute cross-section
10	On page 6, in line 1, cancel "subsection" substitute cross-section
	therefor;
	in line 4, cancel "consisting of a plurality" substitutehaving a number
	therefor.
	On page 7, in line 1, cancel "plurality" substitutenumber therefor;
15	in line 15, after "IGBT" cancel ", respectively", and after "zones 8" cancel
	", respectively,";
	in line 17, cancel ", respectively";
	in line 19, cancel ", respectively";
٠	in line 22, after "10' " insert(not labelled)
20	On page 8, in line 1, cancel ", respectively".
	On page 9, in line 24, cancel "subsection" substitutecross-section
	therefor;
	in line 28, cancel "121" substitute11 therefor.
	On page 10, in line 2, cancel ", or respectively," substituteor therefor;
25	in line 6, cancel ", or respectively," substituteor therefor;
	in line 20, cancel "btwen [sic]" substitutebetween therefor.

	On page 11, in line 1, cancel "trechn [sic]" substitutetrench therefor,
	and cancel "subsection" substitute cross-section therefor;
	in line 3, cancel "trechn [sic]" substitutetrench therefor;
	in line 5, cancel "The" substituteIn the therefor;
5	in line 13, cancel "subsection" substitute cross-section therefor.
	On page 12, in line 9, cancel "development" substituteembodiment
	therefor.
	On page 13, in line 6, cancel ", or respectively," substituteor therefor;
	in line 9, cancel ", or respectively," substituteor therefor;
	in line 9, cancel , or respectively, substituteor therefor;
10	in line 9, cancel ", or respectively, substituteor therefor; in line 19, cancel "It would also be imaginable" substituteIn an
10	•
10	in line 19, cancel "It would also be imaginable" substitute]In an
10	in line 19, cancel "It would also be imaginable" substitute]In an embodiment, it is possible therefor;
10	in line 19, cancel "It would also be imaginable" substitute]In an embodiment, it is possible therefor; in line 22, cancel "use" substitutebe used therefor;
10	in line 19, cancel "It would also be imaginable" substitute]In an embodiment, it is possible—therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]";
	in line 19, cancel "It would also be imaginable" substitute!In an embodiment, it is possible! therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]"; in line 27, after "grid" cancel the comma;
	in line 19, cancel "It would also be imaginable" substitute!In an embodiment, it is possible! therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]"; in line 27, after "grid" cancel the comma;
	in line 19, cancel "It would also be imaginable" substitute!In an embodiment, it is possible! therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]"; in line 27, after "grid" cancel the comma; in line 28, cancel "respectively,".
	in line 19, cancel "It would also be imaginable" substitute]In an embodiment, it is possible therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]"; in line 27, after "grid" cancel the comma; in line 28, cancel "respectively,". On page 14, in line 12, cancel ", or respectively," substituteor therefor;
	in line 19, cancel "It would also be imaginable" substituteIn an embodiment, it is possible therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]"; in line 27, after "grid" cancel the comma; in line 28, cancel "respectively,". On page 14, in line 12, cancel ", or respectively," substituteor therefor; below line 13, insert the following paragraph:
	in line 19, cancel "It would also be imaginable" substitute!In an embodiment, it is possible therefor; in line 22, cancel "use" substitutebe used therefor; in line 23, cancel "[sic]"; in line 27, after "grid" cancel the comma; in line 28, cancel "respectively,". On page 14, in line 12, cancel ", or respectively," substituteor therefor; below line 13, insert the following paragraph: Although modifications and changes may be suggested by those of
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Cancel page 15.